

DISTRICT I

P.O. Box 1980, Hobbs, NM 88240

DISTRICT II

P.O. Box Drawer DD, Artesia, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

WELL API NO.	30-025-32872
5. Indicate Type of Lease	STATE ☒ FEE ☐
6. State Oil / Gas Lease No.	
7. Lease Name or Unit Agreement Name	NEW MEXICO 'L' STATE
8. Well No.	17
9. Pool Name or Wildcat	

SUNDRY NOTICES AND REPORTS ON WELL (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well:	OIL WELL ☒ GAS WELL ☐ OTHER ☐
2. Name of Operator	TEXACO EXPLORATION & PRODUCTION INC.
3. Address of Operator	P.O. Box 46510, Denver Colorado 80201-6510
4. Well Location	Unit Letter <u>H</u> : <u>2560</u> Feet From The <u>NORTH</u> Line and <u>10</u> Feet From The <u>EAST</u> Line Section <u>1</u> Township <u>18-S</u> Range <u>34-E</u> NMPM <u>LEA</u> COUNTY
10. Elevation (Show whether DF, RKB, RT, GR, etc.)	3981'

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPERATION ☐ PLUG AND ABANDONMENT ☐
CASING TEST AND CEMENT JOB ☐
OTHER: ☒ SPUD, SURF CSG, PROD CSG

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

- NABORS RIG #403 SPUD 11 INCH HOLE @ 2:30 PM 08-11-95. DRILLED TO 1541'. TD @ 5:30 AM 08-12-95.
- RAN 37 JOINTS OF 8 5/8, 24#, WC-50, STC CASING SET @ 1541'. RAN 12 CENTRALIZERS.
- DOWELL CEMENTED WITH 500 SACKS CLASS C W/ 4% GEL, 2% CACL2 (13.5 PPG, 1.74 CF/S). F/B 150 SACKS CLASS C W/ 2% CACL2 (14.8 PPG, 1.34 CF/S). PLUG DOWN @ 12:00 PM 08-12-95. CIRCULATED 116 SACKS.
- NU BOP & TESTED TO 1000#. TESTED CASING TO 1000# FOR 30 MINUTES FROM 2:15 AM TO 2:45 AM 08-13-95.
- WOC TIME 13-1/4 HOURS FROM 12:00 PM 08-12-95 TO 2:15 AM 08-13-95. REQUIREMENTS OF RULE 107, OPTION 2:
 - VOLUME OF CEMENT SLURRY: LEAD 870 (CU. FT.), TAIL 201 (CU. FT.).
 - APPROX. TEMPERATURE OF SLURRY WHEN MIXED: 50 F.
 - EST. FORMATION TEMPERATURE IN ZONE OF INTEREST: 90 F.
 - EST. CEMENT STRENGTH AT TIME OF CASING TEST: 1712 PSI.
 - ACTUAL TIME CEMENT IN PLACE PRIOR TO TESTING: 13-1/4 HOURS.
- DRILLING 7 7/8 HOLE.
- DRILLED 7 7/8 HOLE TO 8100'. TD @ 3:15 PM 09-03-95.
- RU SCHLUMBERGER, LOG, ARRAY INDUCTION, CNL-DENSITY, DLL-MSFL.
- RAN 41 JOINTS OF 5 1/2", 17# WC-50, LTC = 2912', 146 JOINTS OF 5 1/2" 15.5# WC-50, LTC = 5174'. FC @ 8054'. DV @ 5188'.
- DOWELL CEMENTED 1ST STAGE: 400 SACKS 35/65POZ CLASS H W/ 6% GEL, 5% SALT, 1/4# FLOCELE (12.8 PPG, 1.94 C/FS). F/B 200 SACKS CLASS H NEAT (15.6 PPG, 1.18 CF/S).
- OPENED DV AND CIRCULATED 800 BBLs.
- DOWELL CEMENTED SECOND STAGE CEMENT W/ 100 SACKS RFC H 12.1, 800 SACKS 35/65 POZ CLASS H W/ 6% GEL, 5% SALT, 1/4# FLOCELE (12.8 PPG, 1.94 CF/S). F/B 100 SACKS CLASS H NEAT (15.6 PPG, 1.18 CF/S). PLUG DOWN @ 23:28 PM 09-05-95.
- ND. RELEASE RIG @ 5:00 AM 09-06-95.
- RAN TEMP SURVEY. TOC @ 5071'.
- PREP TO COMPLETE.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE C. P. Basham TITLE Drilling Operations Mgr. DATE 9/11/95

TYPE OR PRINT NAME C. P. Basham Telephone No. (303)621-4851

(This space for State Use) ORIGINAL SIGNED BY DAVID SEXTON

APPROVED BY DISTRICT SUPERVISOR TITLE DATE SEP 19 1995

CONDITIONS OF APPROVAL, IF ANY:

Schlumberger
Dowell

CemDABE Cement Test Report

September 1, 1995

DATE OF TEST : 01-sep-1995

TEST NUMBER : SPD533700001

CUSTOMER : TEXACO
FIELD :
WELL : NM L ST 17

CEMENT
Class : H
Blend : FB
Brand : LONESTAR
Plant : MARYNEAL

BASE FLUID

Density : 8.32 lb/gal
Volume : 11.83 gal/sk
Type : TP
Total liquid : 12.76 gal/sk

SLURRY

Density : 12.40 lb/gal
Yield : 2.13 ft³/sk

B.H.S.T. : 136.0 F
B.H.C.T. : 118.0 F

ADDITIVES		
Code	Concent.	Unit
D020	6.000	% BWOC
D044	5.000	% BWOW
D029	0.250	% BWOC

Rheometer type : Fann 35
Spring factor : 1.0
Bob No : 1
Rotor No : 1

Rheological model (Dial 1) : Bingham Plastic
 T_v : 12.505 lb_f/100ft²
 P_v : 7.380 cP
Correlation coefficient : 0.996

Thickening Time : 4 hr25 mn to 70 BC
API Schedule : 5G1
Set condition :
Consistometer serial number : 3

No Fluid Loss data available

No Free Water data available

Rheological data		
Temp. (F) :	72.0	0.0
R.P.M.	Dial 1	Dial 2
300.0	20.0	0.0
200.0	17.0	0.0
100.0	15.0	0.0
60.0	14.0	0.0
30.0	12.0	0.0
6.0	12.0	0.0
3.0	10.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
10 minutes Gel : 0.0		

Compressive strength		
PSI	Hours	Temp. (F)
0	0.0	136.0
0	0.0	0.0
0	0.0	0.0

Comment :

35:65(CPUZ:H) + 6%D20 + 5%D44(BWOW) + 0.25ppsD29
Field blend test.
L/S Slurry : TVD = 8,100 ft.
Lab Tech. C.Cole

Schlumberger
Dowell

CemDABE Cement Test Report

September 1, 1995

DATE OF TEST : 01-sep-1995

TEST NUMBER : NPD568000004

CUSTOMER : TEXACO
FIELD : LEA NM
WELL : NM ST 17

CEMENT

Class : H
Blend :
Brand : LONESTAR
Plant : MARYNEAL

BASE FLUID

Density : 8.32 lb/gal
Volume : 5.20 gal/sk
Type : LO
Total liquid : 5.20 gal/sk

SLURRY

Density : 15.60 lb/gal
Yield : 1.18 ft³/sk

B.H.S.T. : 136.0 F

B.H.C.T. : 118.0 F

No additives

Rheometer type : Fann 35

Spring factor : 1.0

Bob No : 1

Rotor No : 1

Rheological model (Dial 1) : Bingham Plastic

T_y : 6.880 lb f / 100 ft²

P_o : 16.910 cP

Correlation coefficient : 0.994

Thickening Time : 3 hr 9 mn to 70 BC

API Schedule :

Set condition :

Consistometer serial number :

No Fluid Loss data available

No Free Water data available

Rheological data		
Temp. (F) :	75.0	0.0
R.P.M.	Dial 1	Dial 2
300.0	23.0	0.0
200.0	19.0	0.0
100.0	13.0	0.0
60.0	10.0	0.0
30.0	8.0	0.0
6.0	6.0	0.0
3.0	6.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
10 minutes Gel : 0.0		

Compressive strength		
PSI	Hours	Temp. (F)
700	6.0	136.0
1200	12.0	136.0
1700	24.0	136.0

Comment :

FIELD BLEND

CLASS H NEAT

LOCATION WATER USED

LONG STRING 1ST STAGE TAIL 8100'

Schlumberger**Dowell****CemDABE Cement Test Report**

September 2, 1995

DATE OF TEST : 01-sep-1995

CUSTOMER : TEXACO
 FIELD : LEA NM
 WELL : NM L ST 17

BASE FLUID

Density : 8.32 lb/gal
 Volume : 11.95 gal/sk
 Type : LO
 Total liquid : 11.95 gal/sk

ADDITIVES		
Code	Concent.	Unit
D020	6.000	% BWOC
D029	0.250	% BWOC
D044	5.000	% BWOW

TEST NUMBER : NPD568000005

CEMENT

Class : H
 Blend : 3565
 Brand : LONESTAR
 Plant : MARYNEAL

SLURRY

Density : 12.40 lb/gal
 Yield : 2.14 ft³/sk

B.H.S.T. : 115.0 F
 B.H.C.T. : 104.0 F

Rheometer type : Fann 35
 Spring factor : 1.0
 Bob No : 1
 Rotor No : 1

Rheological model (Dial 1) : Bingham Plastic
 T_y : 12.757 lbf/100ft²
 P_0 : 8.291 cP
 Correlation coefficient : 0.991

Thickening Time : 6 hr22 mn to 70 BC
 API Schedule :
 Set condition :
 Consistometer serial number :

No Fluid Loss data available

No Free Water data available

Rheological data		
Temp. (F) :	75.0	0.0
R.P.M.	Dial 1	Dial 2
300.0	21.0	0.0
200.0	18.0	0.0
100.0	16.0	0.0
60.0	14.0	0.0
30.0	12.0	0.0
6.0	11.0	0.0
3.0	9.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
10 minutes Gel : 0.0		

Compressive strength		
PSI	Hours	Temp. (F)
180	6.0	115.0
290	12.0	115.0
400	24.0	115.0

Comment :

FIELD BLEND
 35/65POZ/H + 6%D20 + 5%D44(BWOW) + 1/4PPSD29
 LOCATION WATER USED
 LONG STRING 2ND STAGE LEAD 5000'

Schlumberger

Dowell

CemDABE Cement Test Report

September 1, 1995

DATE OF TEST : 01-sep-1995

TEST NUMBER : NPD568000003

CUSTOMER : TEXACO
FIELD : LEA NM
WELL : NM L ST 17

CEMENT

Class : H
Blend :
Brand : LONESTAR
Plant : MARYNEAL

BASE FLUID

Density : 8.32 lb/gal
Volume : 5.20 gal/sk
Type : LO
Total liquid : 5.20 gal/sk

SLURRY

Density : 15.60 lb/gal
Yield : 1.18 ft³/sk

B.H.S.T. : 115.0 F

B.H.C.T. : 104.0 F

No additives

Rheometer type : Fann 35

Spring factor : 1.0

Bob No : 1

Rotor No : 1

Rheological model (Dial 1) : Bingham Plastic

T_y : 7.857 lb/100ft²

P_y : 16.531 cP

Correlation coefficient : 0.997

Thickening Time : 5 hr15 mn to 70 BC

API Schedule :

Set condition :

Consistometer serial number :

No Fluid Loss data available

No Free Water data available

Rheological data		
Temp. (F) :	75.0	0.0
R.P.M.	Dial 1	Dial 2
300.0	24.0	0.0
200.0	19.0	0.0
100.0	14.0	0.0
60.0	11.0	0.0
30.0	9.0	0.0
6.0	7.0	0.0
3.0	6.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
10 minutes Gel : 0.0		

Compressive strength		
PSI	Hours	Temp. (F)
500	6.0	115.0
800	12.0	115.0
1250	24.0	115.0

Comment :

FIELD BLEND

CLASS H NEAT

LOCATION WATER USED

LONG STRING 2ND STAGE TAIL 5000'

RECEIVED

SEP 16 1986

JOCD HOBBS
OFFICE